

Docket No.: 0769-4582US1**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Group Art Unit: 1700

BAHAR, et al.

Examiner: Not yet assigned

Serial No.: 09/209,932

Filed on: July 8, 1998

For: **ULTRA-THIN INTEGRAL COMPOSITE MEMBRANE**Assistant Commissioner of Patents  
Washington, D.C. 20231**THIRD PRELIMINARY AMENDMENT**

Sir:

Kindly amend the above-identified application prior to examination on the merits as

Rule 126 follows:

**IN THE CLAIMS:**

Please add the following new claims:

189 --190. An integral air impermeable composite membrane comprising:

a support having a microstructure of micropores, said microstructure defining a porosity in the range of about 70% to 98% within said support,

at least one ion exchange resin filling said microstructure such that said composite membrane is air impermeable, said composite membrane having a thickness of at most 0.8 mils